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-continued

Component		Wt. %
Monoethanolamine		2.3
TMS/TDS triethanolamine salt,	85/15 TMS/TDS	15.0
Potassium salt of 1,2-dihydroxy-	3,5-disulfobenzene	1.5
Potassium polyacrylate (avg. M.		1.5
Water and miscellaneous		Balance to 100%

The components are added together with continuous 10 mixing to form the composition.

EXAMPLE VIII

A liquid detergent composition for household laundry use is prepared by mixing the following ingredients: 15

C ₁₃ alkylbenzenesulfonic acid	10.5%
Triethanolamine cocoalkyl sulfate	4.0
C ₁₄₋₁₅ alcohol ethoxy-7	12.0
C ₁₂₋₁₈ alkyl monocarboxylic acids	15.0
TMS/TDS, triethanolamine salt 85/15 TMS/TDS	5.0
Diethylenetriaminepentakis	0.8
(methylenephosphonic) acid	
Polyacrylic acid (avg. M.W. approx. 5000)	0.8
Triethanolamine	4.5
Ethanol	8.6
1,2-Propanediol	3.0
Water, perfume, buffers and miscellaneous	Balance to 100%

EXAMPLE IX

In the Compositions which follow, the abbreviations used have the following designations:

C ₁₂ LAS	Sodium linear C ₁₂ benzene sulfonate
TAS	Sodium tallow alcohol sulfonate
TAE,	Hardened tallow alcohol ethoxylated with
	n moles of ethylene oxide per mole of
	alcohol
Dobanol 45 _E 7	A C ₁₄₋₁₅ primary alcohol condensed with 7
	moles of ethylene oxide
TAED	Tetraacetyl ethylene diamine
NOBS	Sodium nonanovl oxybenzenesulfonate
INOBS	Sodium 3.5.5 trimethyl hexanovl oxy-
	benzene sulfonate
Silicate	Sodium silicate having an SiO2:Na2O ratio
	of 1:6
Sulfate	Anhydrous sodium sulfate
Carbonate	Anhydrous sodium carbonate
CMC	Sodium carboxymethyl cellulose
Silicone	Comprising 0.14 parts by weight of an
	85:15 by weight mixture of silanated
	silica and silicone, granulated with 1.3
	parts of sodium tripolyphosphate, and
	0.56 parts of tallow alcohol condensed
	with 25 molar proportions of ethylene
	oxide
PC1	Copolymer of 3:7 maleic/acrylic acid,
	average molecular weight about 70,000, as
	sodium salt
PC2	Polyacrylic acid, average molecular
	weight about 4,500, as sodium salt
TMS/TDS	Mixture of tartrate monosuccinate and
	tartrate disuccinate in an TMS to TDS
	weight ratio of 85/15 sodium salt form
Perborate	Sodium perborate tetrahydrate of nominal
	formula NaBO ₂ .3H ₂ O.H ₂ O ₂
Enzyme	Protease
EDTA	Sodium ethylene diamine tetra acetate
Brightener	Disodium 4,4'-bis(2-morpholino-4-anilino-
	s-triazin-6-ylamino) stilbene-2:2'di-
	sulfonate
DETPMP	Diethylene triamine penta(methylene
	phosphonic acid), marketed by Monsanto

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	under the Trade name Dequest 2060
EDTMP	Ethylenediamine tetra (methylene phos-
	phonic acid), marketed by Monsanto, under
	the Trade name Dequest 2041

Granular detergent compositions are prepared as follows. A base powder composition is first prepared by mixing all components except, where present, Dobanol 45E7, bleach, bleach activator, enzyme, suds suppresser, phosphate and carbonate in crutcher as an aqueous slurry at a temperature of about 55° C. and containing about 35% water. The slurry is then spray dried at a gas inlet temperature of about 330° C. to form base powder granules. The bleach activator, where present, is then admixed with TAE25 as binder and extruded in the form of elongated particles through a radical extruder as described in European Patent Application No. 62523. The bleach activator noodles, bleach, enzyme, suds suppressor, phosphate and carbonate are then dry-mixed with the base powder composition and finally Dobanol 45E7 is sprayed into the final mixture.

	COMPOSI	TIONS		
	Α	В	С	D D
C ₁₂ LAS	4	9	8.	8
TAS	4	3	· _	3
TAE ₂₅	0.5	0.5	0.8	
TAE ₁₁	. <u> </u>	1	· —	_
Dobanol 45E7	4		4	2
NOBS	. - '	2	_	·
INOBS	3		-	_
TAED	0.5	_	3	. <u> </u>
Perborate	19	20	- 10	24
EDTMP	0.3		0.4	0.1
DETPMP	_	0.4		· —
EDTA	0.2	0.2	0.2	0.1
Magnesium (ppm)	1000	1000	750	_
PC1	2	1	2	2
PC2	. 1	1	. —	. 1
TMS/TDS	25	7	15	10
Zeolite A*		15	14	_
Sodium tripolyphosphate	_	_	· —	12
Coconut Soap		_		2
Carbonate	17	15	10	
Silicate	. 3	2	2	. 7
Silicone	0.2	0.2	0.3	0.2
Enzyme	0.8	0.5	0.4	0.3
Brightener	0.2	0.2	0.2	0.2
Sulfate,		to 1	00	
Moisture &				
Miscellaneous				

*Zeolite A of 4 A pore size.

The above compositions are zero and low phosphate detergent compositions displaying excellent bleach stability, fabric care and detergency performance across the range of wash temperatures with particularly outstanding performance in the case of Compositions A, B and C on greasy and particulate soils at low wash temperatures.

EXAMPLE X

A liquid detergent composition suitable for use in cleaning hard surfaces is prepared having the following composition:

65	Component	Wt. %	
	C ₁₃ alkylbenzene sulfonic acid	5%	
	TMS/TDS, sodium salt 80:20 TMS/TDS	9%	
	Sodium Carbonate	2%	